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Entirely Floral.

Established 1871.

# PARK'S FLORAL MAGAZINE.

VOL. XXXIV. No. 8.

LIBONIA, FRANK. CO., PA., AUGUST, 1898.

## Circulation Bulletin.....

FOR JUNE: Number of copies mailed, of Park's Floral Magazine, as indicated by Postoffice receipts **352,898**

FOR JULY: Number of copies printed of Park's Floral Magazine, as indicated by press counters -- **362,000**

Address all advertising communications to **C. E. ELLIS, Advertising Manager,**  
713-718 Temple Court, New York, N. Y.

## A BIG BARGAIN PREMIUM.

12 PLANTS WITH PARK'S FLORAL MAGAZINE ONE YEAR FOR ONLY 25 CTS.

THIS MARVELLOUS OFFER GOOD ONLY TILL SEPT. 15 1898.

Until Sept. 15 I will, for 25 cents, send PARK'S FLORAL MAGAZINE for one year, and securely pack and mail the following collection of 12 choice plants as a premium. The plants are in fine condition, and I guarantee them to reach you safely. This is a great bargain premium, the plants alone usually retailing at more than double the price asked for the MAGAZINE and plants combined. Here is the list:

**Sansevieria Zeylanica**, a stately and beautiful variegated-leaved succulent plant, easily grown, and very decorative for either room or window. See engraving.

**Grevillea robusta**, a fern-like plant, regarded by some persons as equal to a Palm for decorative purposes, while it is of more easy culture. Sometimes called Australian Silk Oak.

**Begonia**, Flowering. Name the variety you prefer, also three substitutes. See list elsewhere.

**Begonia**, Tuberous, red, rose, scarlet or yellow, a started plant.  
**Russelia juncea**, generally known as Fountain Plant. It is suitable for baskets, drooping in graceful sprays, and bearing scarlet blooms.

**Coleus**, Leopard, a new Coleus of great beauty. Every leaf shows many bright and lovely colors in rich contrast, and a plant in the window is like a big bouquet.

**Salvia**, scarlet, thrives alike in garden or window, and bears long spikes of glowing scarlet flowers.

**German Ivy**, a vine of rapid growth that will thrive in dense shade. Often used to drape the walls and ceiling of a room with living green.

**Mackaya Bella**, a rare and beautiful window plant; bears elegant racemes of bell-shaped flowers, lilac, with delicately pencilled throat; rich and attractive.

**Mahernia odorata**, a superb basket or pot plant, known as Honeybell; bears numerous golden bells, deliciously fragrant.

**Fuchsia procumbens**, a trailing Fuchsia, suitable for baskets or vases; flowers small, carmine, in clusters.

**Selaginella**, a moss like plant of great beauty for pots or baskets in a dense shade. Exceedingly beautiful foliage plant.

If there are any in the above collection you do not want, select a substitute from the following: Double Alyssum, Double Althea, Artillery Plant, Fuchsia, any color, Canna, Coleus, night-blooming Cereus, Cestrum, Coccoloba, Fern, Geum, Justicia, Lantana, Lavender, Chrysanthemum, Old Woman, Rivinia, Senecio, Stapelia, Tradescantia zebrina, Veronica, Acacia lophantha, Peperomia, Daisy, Gloxinia, etc.

If you will club with a friend, sending 50 cents, I will send two extra plants to pay you for your trouble. If you send \$1.00 I will add 5 extra plants. But please be prompt. This offer will be void after Sept. 15th. Address

**GEO. W. PARK, Libonia, Frank. Co., Pa.**



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BY G. W. PARKER





SINGLE TULIP.



DOUBLE NARCISSUS.



CROCUS.



MUSCARI.



SCILLA.

# All For 10 Cts.

Ten Beautiful Hardy Bulbs, with  
Park's Floral Magazine three  
Months, all for Ten Cents.

Again I have the pleasure of supplying a very choice collection of the beautiful spring-flowering bulbs as a premium, and I trust that very many of the readers will avail themselves of the liberal offer I make, and also secure the names of many new subscribers. The bulbs were grown carefully by Holland florists, and contracted for in immense quantities, by which means marvellously low rates were obtained, and I feel assured that in quality as well as quantity they will delight everyone who receives them. Here is the list of

## Choice Hardy Bulbs.

**Double Tulip**, choice named variety, early-blooming, rich in color, sure to bloom. I have many fine varieties, but the selection must be left to me.

**Single Tulip**, a superb named sort, my choice. I will, however, send an early, high-colored and beautiful variety that will be sure to please.

**Single Narcissus**, Biflorus, the superb twin-flowered Narcissus; flowers chaste white with red-edged cup, and deliciously scented.

**Double Narcissus**, the lovely Gardenia-scented variety; pure white, highly scented, very double; a very beautiful early spring flower.

**Jonquil**, Giant Yellow, bearing clusters of large golden yellow, deliciously fragrant flowers. Sometimes advertised as Golden Sacred Lily.

**Crocus**, Large Yellow, the most glorious of all Crocuses; each stalk bears a cluster of flowers, large, golden yellow, early and exceedingly attractive.

**Muscari** botryoides alba, the lovely new white Grape Hyacinth; an easily-grown, early and very beautiful spring flower; always greatly admired.

**Spanish Iris**, a superb variety of this exquisite species, sometimes called Garden Orchid, because of its charming form and color.

**Eranthus hyemalis**, a very early bulbous flower, golden yellow, graceful and showy; very rare.

**Scilla campanulata**, blue, the celebrated Wood Hyacinth; the flowers are bell-shaped, in fine spikes, and quite as showy and beautiful as an Italian Hyacinth.

**Get up a club.** Fine bulbs of all of the above ten hardy flowers, with MAGAZINE three months, for only 10 cents. Plant them in a garden bed this autumn, and they will greet you with lovely blossoms almost before the snow is gone in the spring. You cannot invest ten cents in a way that will give you more satisfaction or pleasure than in subscribing for the MAGAZINE three months and securing this superb premium. Full cultural directions for indoors and outdoors will accompany every package, and this will insure your success. The collection is quite as useful for blooming in the house in pots, as for planting in the garden.

## GET UP A CLUB.

Any one of the following Choice Pompon Hyacinths mailed for club of two (20 cts.), four for club of five (50 cts.), or all (ten) for club of ten (\$1.00):

**Gertrude**, lovely rose pink, erect, compact spike.

**Sultane Favorite**, bluish pink, fine truss, graceful.

**Veronica**, dark carmine, handsome truss and bells.

**Alba superbissima**, pure white, large spike, fine.

**Paix de l'Europe**, snow white, drooping bells.

**Semiramis**, beautiful bluish white, fine truss.

**Baron von Thuill**, dark bright blue, large spike.

**Charles Dickens**, porcelain blue tinged lilac, fine.

**Regulus**, clear light blue, large, handsome truss.

**La Pluie d'Or**, citron yellow, one of the finest.

This superb collection of Hyacinths may be used either for house culture or bedding. The finest varieties in all the leading colors are included, and the bulbs will, unlike the large Hyacinths, continue to improve from year to year instead of to deteriorate. I heartily recommend them. Send for Blank Lists, Circulars, etc., and get up a club. Do so at once, before the season for planting these grand bulbs is past. Address,

PARK'S FLORAL MAGAZINE,  
Libonia, Franklin Co., Pa.



DOUBLE TULIP.



SINGLE NARCISSUS.



JONQUIL.



IRIS HISPANICA.



ERANTHUS.



# HERE IS A CURE FOR

# THOSE DREADFUL

# FITS

"Not to take a cure for an otherwise fatal disease is to commit suicide."



"Epilepsy  
Explained"  
Illustrated Book,  
Price \$1.  
Pamphlet on  
Epilepsy Free.

If you suffer from Fits, Epilepsy, St. Vitus' Dance, Vertigo, etc., have children or relatives that do so, or know people that are afflicted, My New Discovery, EPILEPTICIDE, will cure them, and all you are asked to do is to send for a Free Bottle and to try it. I am quite prepared to abide by the result. It has cured thousands where everything else has failed. Please give name, postoffice and express address

**W. H. MAY, M. D., May Laboratory, 96 Pine St., New York City, U. S. A.**

When answering the above advertisement please mention Park's Floral Magazine.

## CORRESPONDENCE.

Dear Mr. Park:—I received my premium plants yesterday, and want to thank you very much for them. I am well pleased with everything sent, and must say that I have never before had plants reach me in as good condition as these did, though I have bought from florists much nearer home. And your little Magazine—it cannot be praised too highly. I subscribe for several other floral magazines, but had rather be without any or all of them than to do without Park's. It is simply a "must have." Whenever I am in doubt about anything in the floral line I get out the back numbers of Park's and never have to go far to find help. Long live Park's Floral Magazine and its Editor! Mrs. E. E. C.

McLennan Co., Tex., June 17, 1898.

Dear Mr. Park:—This is the way I bind my Floral Magazine, which, I think, is the best one printed. With a hammer and nail I make holes through the backs of the year's numbers, thread a darning needle with tape or yarn, pass it through the holes, and tie in fancy bows on the front side. Mrs. P. F. L.

Charles Mix Co., S. D.

Mr. Park:—Your letters are very interesting to me. As I have crossed the ocean three times I can follow you a great deal. I was never on the continent, but when I read of your passing the Isle of Wight I wished I was there. It is near my old home, and I once spent three weeks on the Island. The climate and scenery there could hardly be more delightful. Fuchsias grow there as high as the second story windows and Myrtles larger than I ever saw them elsewhere.

Cuyahoga Co., O.

Mrs. A. Neate.

In Texas.—A one-year-old Empress of China Rose here has two canes ten feet high, and a third six feet high, all full of laterals from the ground up, varying from three inches to three feet in length, and is full of green leaves and bloom buds. J. S. Proctor.

Wise Co., Texas.

Dear Mr. Park:—I got up a club for Park's Magazin. I received my bulbs and I thank you very much for the package of seeds you sent me. I am twelve years old. Opal Temple.

Caldwell Co., Mo., May 17, 1898.

## To Cure Constipation Forever.

Take Cascarets Candy Cathartic. 10c or 25c. If C. C. C. fail to cure, druggists refund money.

**FITS STOPPED FREE** and permanently cured. No fits after first day's use of Dr. Kline's Great Nerve Restorer. FREE \$2 trial bottle and treatise. Dr. R. H. Kline Ltd., 931 Arch St., Philadelphia, Pa.

## SUPERFLUOUS HAIR

PERMANENTLY REMOVED.



I suffered for years with a humiliating growth of hair on my face, and tried many remedies without success; but I ultimately discovered the true secret for permanent removal of hair, and for six years have been enjoying my treatment to others, thereby rendering happiness to, and gaining thanks of thousands of ladies.

I assert, and will prove to you, that my depilatory treatment will destroy the follicle and otherwise permanently remove the hair forever. No trace is left on the skin after using, and the treatment can be applied privately by yourself in your own chamber.

If you are troubled, write to me for further information, and I will convince you of all I claim. I will give prompt, personal, and strictly confidential attention to your letter. Being a woman, I know of the delicacy of such a matter as this and act accordingly. Address, inclosing two stamps, HELEN MARKO, 156K Fifth Ave., New York City.

## BEAUTY of FACE and FORM can be gained by my treatment; improve

ment will begin the first day, and after a short time you will delight yourself and your friends by acquiring a charmingly transparent, clean, pure, velvety skin, lustrous eyes, and (if needed), development of the cheeks, neck, etc. I give my personal attention to you by mail, guaranteeing success; distance makes no difference. Address, enclosing stamp, for particulars, which I will send sealed in plain envelope. MME. O. HUNTLEY, Box 6082, NEW YORK, N. Y.



## FISH!

You will always have success when fishing if you use CAPE COD BAIT. It is a powder, a few grains of which applied to your bait will attract fish and enable you to get a basket full while some other fellow is securing only a few bites. We guarantee that Cape Cod Bait contains NO DYNAMITE, nor any poison that will injure a fish but merely attracts them to the hook as a mouse is attracted by toasted cheese, a cat by catnip, or a dog by anise. We have received hundreds of testimonials regarding our wonderful compound; everybody says it is excellent. Cape Cod Bait is good for sea, lake, river or brook fishing and never fails to lure fish that come within 10 feet of your hook. One package will last 3 months if you fish every day. Guaranteed satisfactory or money refunded. For a short time, we are selling a 50 cent package for only 10 cents or 3 packages for 25c. In order to introduce our Cape Cod Bait. Send silver or stamps to HARTZ & GRAY, Box 403, NEW YORK, N. Y. MENTION PARK'S FLORAL MAGAZINE

**We PAY CASH** each WEEK the year round, if you sell Stark Trees. Outfit free. STARK NURSERY, LOUISIANA, MO., Stark, Mo., Rockport, Ill., Dansville, N. Y.

# ... CLOTHING ... SALESMEN WANTED.

**\$150.00 PER MONTH** and expenses made by all our active men. We pay many far more.

**We want men in every County** in the United States. If you

will start you at once. No experience necessary. No capital required.

We furnish a full line of samples, stationery, etc. A

tailor's-for-the-trade complete outfit ready for business

No commission Plan, you regulate your profits to suit yourself.

No house to house canvas. This is not

one of the many catchy advertisements

for agents, but one of the very few

advertisements offering a rare opportunity

to secure strictly high grade employment at Big wages.

## WE ARE THE LARGEST TAILORS IN AMERICA.....

We make to measure over 300,000

suits annually. We occupy entire

blocks in Chicago. We refer you

to the Bank of Commerce in Chicago,

any Express or Railroad Co. in Chicago,

any resident of Chicago. Before en-

gaging with us, write to any friend

in Chicago and ask them to come

and see us, then write you if it is a

rare opportunity to secure steady, high

class, big paying employment. **BET-**

**TER STILL**—come to Chicago

yourself and see us before engag-

ing and satisfy yourself regarding

every word we say. You can get steady

work and big pay. Work in your own

county 300 days in the year, and

you can't make less than \$5 every

day above all expenses

## WE WANT TO ENGAGE YOU

to take orders for our Made-to-Order

and Measure Custom Tailoring, (Men's

Suits, Pants and Overcoats). We

put you in the way to take orders

from almost every man in your

county, a business better than a

store with a \$20,000.00 stock. You

will have no competition.

## WE ARE THE LARGEST TAILORS IN AMERICA.....

of Fine Custom-Made Garments. We

buy our cloth direct from the

largest European and American

mills. We control the product of

several woolen mills. We oper-

ate the most extensive and econ-

omic custom tailoring plants in

existence, thus reducing the

price of Suits and Overcoats made-

to have their Suits and Overcoats made to order.



Rio Wis., June 30th, 1898.

GENTLEMEN—In reply to your

letter requesting the use of my

photograph for advertising pur-

poses, and asking how I am

getting on in reply to your using my photograph, as

your prices are very low and garments so exact to my measurements that I

gladly recommend you. I would add that I have never made less than \$80.00 per month

since I received your first outfit, and in the best months have made as high as

\$350.00 per month. Very truly,

E. J. DOYLE.

Should you write Mr. Doyle, be sure to enclose a 2c stamp for reply.

We have hundreds of letters similar to Mr. Doyle's.

to-order to \$5.00 and upward; Pants from \$1.50 to \$5. Prices so low that nearly every one in your county will be glad

to have their Suits and Overcoats made to order.

**WE FURNISH YOU** A large, handsome leather bound book containing large cloth samples of our entire line of

getup, also Fine Colored Fashion Plates, Instruction Book, Tape Measure, Business Cards, Stationery, Advertising Matter, your name

under each description so you can fill in your own selling prices, arranging your profit to suit yourself. As soon as you

have received your sample book and general outfit and have read our book of instructions carefully, which teaches you

how to take orders, and marked in your selling price you are ready for business and can begin taking orders from every

one. At your low prices business men, farmers, and in fact every one will order their suits made. You can take several

orders every day at \$1.00 to \$5.00 profit on each order, for every one will be astonished at your low prices.

**YOU REQUIRE NO MONEY** Just take the orders and send them to us and we will make the garments within

5 days and send direct to your customers by express C. O. D. subject to examination

and approval, at your selling price, and collect your full selling price, and every week we will send you a check for

all your profit. You need collect no money, deliver no goods, simply go on taking orders, adding a liberal profit, and we

deliver the goods, collect all the money and every week promptly send you in one round check your full profit for the

week. Nearly all our good men get a check from us of at least \$40.00 every week in the year.

**THE OUTFIT IS FREE!** We make no charge for the book and complete outfit, but as EACH OUTFIT COSTS US SEVERAL DOL-

lars, to protect ourselves against many who would impose on us by sending for the outfit with no in-

tention of working, but merely out of idle curiosity. AS A GUARANTEE OF GOOD FAITH ON THE PART OF EVERY APPLICANT, we

require you to fill out the blank lines below, giving the names of two parties as reference, and further agreeing to pay \$1.00 and express

charges for the outfit when received, if found as represented and really a sure way of making big wages. The \$1.00 you agree to pay

when outfit is received does not begin to pay the cost to us, but insures us you mean business. WE WILL REFUND YOUR \$1.00 AS

SOON AS YOUR ORDERS HAVE AMOUNTED TO \$25.00, which amount you can take the first day you work.

Fill out the following lines carefully, sign your name, cut out and send to us, and the outfit will be sent you at once.

**AMERICAN WOOLEN MILLS CO.,** Enterprise Bldg., CHICAGO, ILL. PARTS.

GENTLEMEN—Please send me by express C. O. D. subject to examination, your Sample Book and Complete Salesman's

Outfit, as described above. I agree to examine it at the express office and if found exactly as represented and I feel I can

make good big wages taking orders for you, I agree to pay the express agent, as a guarantee of good faith, and to show I mean

business, One Dollar and express charges, with the understanding the \$1.00 is to be refunded to me as soon as my sales have

amounted to \$25.00. If not found as represented and I am not perfectly satisfied I shall not take the outfit or pay one cent

.....  
Sign your name on above line.

.....  
Name of Postoffice, County and State on above line.

.....  
Your age.....

.....  
Married or single.....

.....  
Address your letters plainly to **AMERICAN WOOLEN MILLS CO.,** Enterprise Building, CHICAGO, ILL.

On above two lines give as references the names of two men  
over 21 years of age who have known you one year or  
longer.

.....  
On above line give name of your nearest express office.



# PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE

Vol. XXXIV.

Libonia, Pa., August, 1898.

No. 8.

## OUR COLORS.

There is red to-day in the Clover,  
And white in the Daisy fair,  
And blue looks up from the grassy bells  
That wave on the morning air;  
Red to speak of the battle,  
White to show we are true,  
And a hint of the arching heaven  
Held deep in the heart of blue.

And the bees hum low in the Clover,  
And the birds sing sweet in the air,  
And small hands gather the grassy bells  
To weave with the Daisy fair;  
But we think of the field of battle,  
And the brave hearts beating true,  
And we pray, God bless our colors,  
The red, the white, the blue.

*Florence Josephine Boyce.*

*Washington Co., Vt.*

## THE LANTANA-LIKE VIBURNUM.

**F**OUND in the rocky woods of our northern States is a straggling shrub, with broad, showy, serrated leaves and handsome clusters of white flowers, as represented in the sketch. This is *Viburnum lantanoides*, the lantana-like *Viburnum*, sometimes known as Hobblebush. It is a near relative of *Viburnum opulus*, a variety

excepting the slight marginal serrations, and instead of glands the petioles are covered with a dense, rusty pubescence. The reclining branches often take root where they come in contact with the ground. The plant does not often rise above five or six feet in height, but its spreading habit encourages the development of broad, showy clumps, and when in bloom these clumps are handsome and very attractive.

During the latter part of May the Editor received in a letter the pressed specimen represented in the sketch, together with the following note:

Mr. Editor:—Will you please give a name in your MAGAZINE for the shrub which bears the enclosed blossom. It grows wild here in the woods, and is perfectly hardy. The largest bush I have seen was about six feet high, but nearly all are much smaller—three and four feet in height.

*Clarinda E. Willcutt.*

*Hampshire Co., Mass., Mar. 21, 1898.*

The name, *Viburnum lantanoides*, may be readily determined by anyone with the information above given, and it is hoped that many of our New England readers will be pleased to identify the bush they have admired in bloom and fruit from year to year, but were unable to call by name. The shrub is worthy of cultivation



BLOOMING BRANCH OF VIBURNUM LANTANOIDES.

of which is the common, old-fashioned Snowball, a shrub almost discarded now because of its attraction for aphides, which annually ruin its foliage and flower crop. Like the typical *Viburnum opulus*, the species *Lantanoides* has numerous small perfect central flowers, and a marginal row of large, showy sterile ones. Like *V. opulus*, also, the leaves are stipuled, but unlike them they are not lobed nor are the leaf-stems glandular, but each leaf is entire,

and would doubtless improve in growth and bloom under the skillful care of a gardener.

**Plant Elixir.**—Four ounces of sulphate of ammonia, two ounces of nitrate of potash, one ounce of white sugar, one quart of hot water. Place in a corked bottle and use one tablespoonful to a gallon of water when watering.

*Middlesex Co., Mass.*

*H. A. W.*

## CACTI.

MUCH discussion has been aroused as to which is proper—Cacti or Cactuses. The former is certainly more euphonious, and is now used much more generally than the latter. This race of plants comprises upwards of twelve hundred varieties, and new ones are being continually discovered. Many varieties are natives of the United States, Texas being perhaps the most prolific in varieties. The prairie region west of the Missouri, Dakota, Montana, Africa, South America and the West Indies are favorite haunts of this curious and interesting branch of the vegetable world. They will thrive in any region that is somewhat arid.

It is only within recent years that any degree of attention has been drawn to the culture of the Cactus. It is usually spoken of as a fad, and even if it be so classed it is a harmless and at the same time a good fad to follow. Too little attention is paid to the study of plant growth, and the curious growth of the Cactus has taught many people to interest themselves in the growth of other plants.

What there is about these plants and their culture that seizes upon one and compels him to almost worship them can not be easily accounted for. It is virtually a craze. Many a one becomes so infatuated that he appends to his name the letters "C. C.," which signify Cactus Crank. This appellation may not be elevating, but



MEXICAN CACTUS, SHOWING HYALENE SHEATHES.

the placing of the initials after one's name not only adds to the name, but at the same time arouses a great deal of curiosity. By merely becoming a slave to these plants the most humble may receive a title.

Very many people have no knowledge whatever of Cacti, and when they see them will invariably hurl at them "horrid things" and other invectives. But to a real fancier they present the acme of beauty in plants. True, they are covered with a network of spines, and some are most formidable in appearance; but these spines comprise all the colors of the rainbow. What other plants show in their blossoms these show in their growth, and they blossom besides. In the low-growing, globose varieties these spines are pressed so closely to the plant itself that they may be handled with impunity. In fact, some of them are so soft to the touch that they might be given to a baby to play with. Others are so delicate in color they are worthy of a place in a glass case. One variety, *Pilocereus senilis*, is covered with numerous long hairs that cluster about the

plant, giving it very much the appearance of the head of an aged man, hence the name Old Man Cactus. These hairs, when they become soiled are not averse to the use of soap and water, and appear soft and silky after their monthly "shampoo."

As night-bloomers the *Cerei* are pre-eminent. They are mostly of tall growth, not very abundantly covered with spines, and have the largest flowers. *Cereus giganteus*, found in the lower part of the valley of Santa Cruz, is the giant of the family. Majestic in appearance it often rises to a height of sixty feet or more, and its weight is measured by tons. Belonging to the same family is *C. tuberosus*, slender, delicate, and presenting a most remarkable contrast to its robust sister. *C. grandiflorus* is noted for its marvellous flowers. *C. triangularis* is a rapid grower, its flowers vying with those of *C. grandiflorus* in size and beauty. *C. flagelliformis* is of slender, drooping growth, and is best shown when grafted upon some of the columnar species.

Among *Echinocacti* are found plants varying in size from the tiniest ones to those weighing a ton or more. *E. Grusonii* is the handsomest *Echinocactus*, and is considered by many the most beautiful Cactus grown. The plant itself is of a bright green color, covered with golden yellow spines, which are transparent, thus permitting the plant to be seen through them. *E. Texensis*, resembling a pincushion, has few but stout spines and showy flowers.

*Echinocerei*, while not so very different from the variety just mentioned, never become so large in size. They are perhaps the best for window culture because they always remain neat in appearance and never become unwieldy. They are not backward in blooming—in many instances they are profuse—and the network of spines covering them is not the least of their good qualities. The best-known variety is the Rainbow Cactus, *Echinocereus candicans*. It is remarkable for both spines and blossoms. The former are arranged in rows, shading from white to red. The blossoms are borne upon the summit, deep magenta in color with a yellow center. *Echinocereus pectinatus* grows in clusters, has spines varying in color, and blossoms which very much resemble those of *E. C. candicans*.

When we come to *Echinopsis* we find a change in the shape of the flower. This variety has long, trumpet-shaped blooms, which flare at the top and give them the appearance of miniature umbrellas. The plants are regular in shape, being mostly ribbed, and with tufts of spines. *E. Mulieri* is the most valuable.

Among *Mammillarias* are found the neatest specimens. They are small in growth, but what they lack in size is made up in beauty. They are tubercular, the spines of various colors clustering at the tip of each tubercle. The flowers are small and delicate, usually followed by red fruit, which remains to give cheer to the window garden in winter.

Epiphyllums, commonly called Crab or Lobster-claw Cactus, may always be relied upon to bloom during winter. They are not at all shy in blossoming, the tip of each



"claw" bearing one and sometimes two flowers. They are pendulous, and appear like two flowers, one growing out of the other. They are shown to best advantage when grafted upon stock a foot or so high. This allows the branches to fall gracefully.

To people who dread the spiny sort of Cacti the variety known as *Phyllocactus* is recommended. They are rapid growers, and an established plant will sometimes blossom as often as three times a year—one in my possession having thus rewarded me. *P. latifrons*, very often erroneously called night-blooming *Cereus*, is well worthy of the plant for which it is taken. It is a much freer bloomer than *C. grandiflorus*; at the same time the flowers are not less beautiful.

*Opuntia*, the largest family of all, is widely distributed. In Texas and Mexico it is especially abundant. The varieties range from those that grow but a few inches high to those which assume proportions gigantic enough to be used for fences, and woe to the one who tries to force his way through one of these hedges! He is not apt to attempt it the second time. From *O. microdasys*, with its tufts of spines like the pile of velvet, to *O. horrida*, with ugly spines four or five inches in length, the change is most remarkable. Between these two extremes are found plants with spines of various gradations. One variety, *O. lurida*, commonly called Candle Cactus, looks harmless enough, but beware of it. The Indians have said that the spines shoot themselves at you, and if you come close enough you will find that the saying is not entirely false.

To those loving the curious, Cacti offer a field large and interesting. Fantastic in growth, not particularly peculiar as to treatment, and magnificent in bloom, they ought to be universally cultivated. If you have none in your collection of house plants try one; and then you will not rest until you have more.

Buffalo, N. Y.

Albert J. Klinck.

[NOTE.—In Mexico you can see from the car window, while passing through the arid wastes, specimens of *Mammillaria* a foot or more in diameter, and several feet high, with gorgeous rosy spines, making them exceedingly attractive. There are also dwarf branching *Cactuses* that at a distance resemble a mass of white bloom. Upon closer examination the color is found in the delicate hyaline sheath which covers the large and exceedingly sharp-pointed spines. In more humid regions the Editor saw species of columnar Cacti thirty or more feet high with long, flowing hair on one side near the summit. In the Mexican markets the fruit of *Opuntia tunis* is regularly sold, and also the young, tender branches, which are said to be relished when boiled and seasoned.—Ed.]

**Strobilanthes.**—My *Strobilanthes*, bought last spring, seemed to be dying about six weeks ago, so I cut it back severely. I stuck the slips in sand, and every one has grown as it never grew on the parent stem. The stump I covered with a tumbler, and it has put out a new growth some two inches in length, and seems to have taken on a new lease of life.

Ida Cope.

Sutter Co., Cal., May 14, 1898.

## PHLOX.

THE most brilliant bedding annual we have is Phlox. Such dazzling, colors, such masses of bloom dominating the rest of the plant, is found in no other class. Besides the fiery scarlets and crimsons there are soft, bright shades of pink, rose, blush, lavender, striped, white-



PHLOX.

centered, and pure white to blend and harmonize all other colors. For ribbon beds the effect is fine, and for lawn beds, where a bit of brilliancy is desired to set off the turf, nothing is finer. The cuspidate, fimbriate and stellate varieties are striking and beautiful. The newer kinds of Phlox are generally erect-growing and compact, unlike the old sorts, which sprawled over the ground in a very uncouth fashion. This is one of the very best annuals in general cultivation, and indispensable in any garden, from the most pretentious lawn to the child's bit of a flower bed.

There are semi-double varieties of Phlox, but I consider them of less beauty and value than the single kinds.

Mrs. W. A. Cutting.

Carroll Co., N. H.

**Improving Balsams.**—With patient effort and much love for the work I have succeeded in getting a pure white *Camellia*-flowered Balsam with buds an inch and a half to two inches long, solid as cabbages, and expanding fully three inches in diameter. The buds much resemble a *Marechal Niel* Rose in shape, and when expanded are like a very large double white Rose. I pinch off the terminal tip and leave only a few of the upper side branches, and any plants showing single flowers are pulled up and destroyed, to keep the naughty bees and butterflies from objectionably hybridizing the double flowers. I also have as large and handsome scarlet, pink and spotted Balsams as the white ones described. All are the wonder of the neighborhood. The blooms were dispensed with a free hand to all who came to admire them. It was delightful to give so much pleasure to others.

Mrs. Summers.

Monroe Co., Ind., Apr. 11, 1898.

**Wedging of Blooms.**—What is known as "wedging" of the flower spikes of house-grown bulbs, especially of the *Hyacinth*, seems to be quite a common occurrence. The principal cause for this is that instead of bringing the bulbs out to the light gradually they are placed immediately in strong light, if not in direct sunshine. This not only causes the spikes to wedge, but often blasts the bloom entirely.

Mrs. M. H. Durfee.

Wayne Co., N. Y.

## IVY GERANIUMS.

**T**HERE is much complaint that Ivy Geraniums are shy bloomers. Some people find no trouble in getting them to bloom. A lady who usually had success with them once received a loan of a refractory Ivy Geranium that had been fussed and worked with for two years or more, and had never borne more than a forlorn truss or two at a time, and then only in summer. Lady number two was determined to find out whether the fault was in her or in the plant, so turned it over for someone else to experiment with. She received her plant back in late winter, one mass of pink trusses. It came back in the same pot and in the same soil that it went away in.

"What did you do to it?" she asked in amazement. "You surely have some magic spell for Ivy Geraniums."

"Nothing that even savors of magic," was the reply. "I put the pot on a sunny shelf where it got the full afternoon sun. The potting earth was hard and crusted. I loosened this and left it fine and open. Next, I let the plant get thirsty every time before I watered it—really dry—then gave it water until it ran out at the saucer. Ten weeks of that treatment ripened up the Ivy's wood. I have always noticed that securing ripe wood precedes bloom in the case of nearly all refractory plants. Sunshine and scant water supply is the way to ripen the wood of pot plants. When this was secured I knew the blossoms would follow. How did I know when this rest or ripening period had lasted long enough? The plant was at a standstill while I was resting it. When I saw a new shoot appearing I knew the plant was hungry to grow. I watered it often now, and with warm water, and with the first hint of buds gave my standby for budded plants, a weekly dose of weak manure water. You see the result."

What was there hard or difficult to follow in these suggestions.

McDonald Co., Mo. L. S. LaMance.

**Flowers of Australia.**—Nature has nowhere been more lavish in her gifts of bud and blossom than in New South Wales, where at almost every point the landscape is an endless panorama of surpassing beauty. Flowers are placed here and there only to give one the impression of limit; they cover mountain and valley in all forms and shades of beauty. Every plant, shrub and bush is robed in gorgeous coloring. Lilies, Fuchsias, Trumpet Jasmine and Magnolia give forth a rich perfume everywhere. The unsurpassed beauty of the floral wealth has made Australia a botanical paradise. E. F. E.

Allegany Co., N. Y., June 1, 1898.

**In Favor of Hyacinths.**—I wonder if anybody can plant a Hyacinth bulb and not have it to bloom? It seems to me you cannot treat them so meanly but what they will heave "coals of fire" on you anyway. Mind you, though, they must be solid bulbs. I don't believe a spongy bulb is worth much. M. R. W.

Blue Grass, Iowa.

## VERBENAS.

**F**OR a low bedder I think nothing can surpass the newer varieties of Verbena. The old dull blues and purples have given place to the brightest, softest pinks, lavenders, white, scarlet, rose-color, as well as striped and variegated effects. The trusses are of grand size, and the individual florets are very large, and of perfect contour. The plants of my favorite strain are of extremely vigorous growth, individual plants covering a



space three or four feet square. The luxuriant foliage completely conceals the soil, and the magnificent trusses of bloom thickly star the mass with the loveliest tints. I fancy little circular beds set in the sward, and planted with Verbenas, pink and white or lavender and white sorts. The plants are allowed to trail at will over the surrounding turf, and the fine mass of foliage and bloom often entirely conceals the bed, so that the Verbenas appear to be springing from the green sward. Verbenas are fine for lawn vases, if care is given them to enable them to make a luxuriant growth. The flowers are deliciously fragrant.

Mrs. W. A. Cutting.

Carroll Co., N. H.

**Lilies.**—As the fall catalogues come in and beguile us with their promise of beauty during the long winter months let us make an effort to add to our collection of Lilies. No hot-house flower excels them in grandeur, and the ease with which they may be grown entitles them to a place in every garden. Lilies do best planted in October, with the exception of Candidum, which should be planted in August. Many of them may also be planted in March and April, and will give excellent results. Give a rich, well-drained soil, and dig it up thoroughly before planting the bulbs, which, with few exceptions, need to be planted so that the top of the bulb will be five inches under ground. During the winter a mulch of well-rotted manure will prove beneficial. Mrs. J. G. A.

Vancouver, B. C.

**Erythroniums.**—I found great beds of white Erythroniums in the woods near here. The leaves are a light bluish green beautifully marbled with brown. The yellow Erythronium is rarely found here. Our earliest wild flower is an Anemone or Windflower, closely followed by Dicentra cucullaria and Erythroniums.

L. L. Crawford

Menard Co., Ill., Apr. 17, 1898.





### MY SPRING TREASURES.

The Crocus' face was the first  
to grace

My little garden bed;  
The Jonquil came; his yellow  
flame

A golden glory spread;  
The Snowdrop blossomed  
through the night,  
The moon caressed it with her  
light,  
Its waxen blooms so pure and  
white

A halo seemed to shed.

The Tulips' gleam quite soon  
was seen,  
So bright, and oh so gay!



They danced and capered in the breeze,  
The wind, low-hiding in the trees,  
Their perfume stole, and to the bees  
He gave it all away.

Cattaraugus Co., N. Y. Benj. B. Keech.

### HONEYSUCKLE.

Oft I sit by my window  
Through the long, warm summer hours  
And the air is heavily laden  
With the mingled scents of flowers;  
But I note one perfume only,  
As the vine sways to and fro,  
For the scent of the Honeysuckle  
Brings thoughts of long ago.

Only a little flower,  
But to me a part it seems  
Of a past that has long since vanished,  
Like all life's sweetest dreams;  
Leaving never a trace behind it,  
Save a faint and sweet perfume  
That comes to me in the guise  
Of a Honeysuckle bloom.

Somewhere, 'mid old mementoes  
Of days that are long since fled,  
Is a bunch of the same sweet blossoms.  
Withered and dried and dead;  
Yet still there lingers about it  
A sweet perfume alway,  
And to me it is just as fragrant  
As the ones that have bloomed to-day.

Edna Evelyn.

### GATHERING FLOWERS FOR MOTHER.

Out in the field where the grasses high  
Merrily nod to the bright blue sky,  
Where the Dandelions and Buttercups bright  
Shine in the grass with a golden light;  
Where Clover blossoms white and red  
Grow, I can see two sunny heads—  
Two little forms that eagerly go,  
Playing merrily, to and fro.

Bright shines the sun. The larks fly over  
The field where blossoms the fragrant Clover,  
Bees and humming-birds fly around,  
Filling the air with a cheerful sound.  
Above the music of bird and bee  
Comes a sound on the breeze to me,  
The laughter of children, sweet and clear,  
A welcome sound to a mother's ear.

Now they turn on their homeward way  
Tired at last with their merry play;  
Bringing to mother, with much delight,  
A bunch of Clover and Daisies white,  
With Buttercups of golden hue,  
Grasses and weeds which near them grew;  
With loving words they give, I take,  
The flowers they bring for mother's sake.

Dear little ones, may you keep forever  
Your tender hearts. Till death shall sever  
The silver cord may you always keep  
Your love for mother so true and deep.  
Only a few short years and then  
My little boys will have grown to men.  
But whatever their lot in life may be,  
I trust that their hearts will be true to me,  
As the day in summer so warm and bright  
They gathered the Clover and Daisies white,  
And brought home flowers to mother.

Belle M. Brewster.

Chautauqua Co., N. Y.

### NICOTIANA AFFINIS.

Oh! stars of the flowery kingdom,  
How sweet, how rare thy perfume.  
Blooming out here in the darkness,  
Trying to light up the gloom.

'Mongst the leaves that around you nestle  
Crickets are chirping a tune;  
Oh! why do you prefer darkness  
To daylight in which to bloom.

Those pretty, snowy white blossoms  
Are for the fairies alone,  
They are stars of the flowery kingdom,  
To light up the Fairy Queen's throne.

I wish you belonged to the daytime  
Instead of night's darkness and gloom,  
But as the sun's ray advances,  
You leave us, alas, all too soon.

Allen Co., Ohio.

Mrs. E. S. Mowen.

### WILD FLORAL.

In a lone, secluded spot,  
Almost by the world forgot,  
Hidden in deep purple shade  
Cast by waving grasses' blade,  
'Neath a clear and cloudless sky,  
Grew tiny Violets, blushing, shy.

Wildlings of the purest blue  
In the dell, contented, grew,  
Nodding gently all the while  
With a sweet and winsome smile;  
Shedding fragrance on the air  
From their dewy petals fair.

Clusters of their dainty bloom  
Comforting in hours of gloom,  
Softly whispering, as in prayer,  
Secrets of their flower life fair,  
Breathing words of tender love  
From the Father up above.

Franklin Co., Neb.

Bea Carroll.

**TRADESCANTIA VIRGINICA.**

**T**HERE are more than twenty-five species of Tradescantia, most of which are herbaceous perennials from Mexico and South America, and suitable for culture only under glass. There are, perhaps, half a dozen species, however, of hardy herbaceous perennials, found in North America, and the most handsome and desirable of these is Tradescantia Virginica, which is now seen in many of our eastern gardens. The plant (see engraving, Fig. 1) grows from a foot to eighteen inches high, jointed, clothed with long, narrow, channelled leaves, and bearing at the summit, and sometimes at the axils, umbels of lovely, fine-textured flowers of various colors, the center showing a mass of silky, jointed hairs, which are attached to the filaments of the stamens. Each flower has three broad petals, and is supported by three narrow calyx segments, as shown in the engraving, figure 3. Figure 2 represents a stamen with the dense, jointed, hairy appendages of the filament.

In many places Tradescantia Virginica has become naturalized where, years ago, it was not known. This has created an interest in it, and specimens are frequently sent to the Editor of this MAGAZINE for



FIGURE 1.



FIG. 2.



FIGURE 3.

identification. Here is a card from Mrs. Baker, of Long Island, N. Y., which reads as follows:

Mr. Editor:—With this I am sending a plant for identification, either on return card, or through the pages of your MAGAZINE, to which I am a subscriber. The plant is entirely hardy, grows about a foot high, and bears a cluster of light blue flowers, which are now in bloom. It is a plant that attracts considerable attention.

Mrs. M. E. Baker.  
Long Island, N. Y., May 17, 1897.

A month later this note came with a specimen from Mr. Cox, of Indiana:

Mr. Editor:—I enclose a flower seed and leaf of a nameless plant given me by a friend. She thought it was some kind of a Lily. Will you please name it?

Jeremiah Cox.  
Boone Co., Ind., June 18, 1898.

Both of the specimens referred to proved to be of Tradescantia Virginica. The flower has a few of the characteristics of the Lily family, but is very different in general features. The plant belongs to the order Commelynaceæ, but differs from the genus Commelina in particular by the jointed hairs with which the filaments are densely clothed, the species of Commelina having smooth filaments. Blue is the pre-

vailing color, but there are many varieties ranging in color from white through various shades of red and blue. The plant is hardy, blooms every year, and is easily increased by division. The flowers last but a day, but are very attractive and pleasing, and are generally admired.

**Althea or Hibiscus Syriacus.**

For natural symmetry of growth and beauty of foliage and flower is there a shrub that is equal to the Althea? It is hardy, of easiest culture, and not a favorite of insect pests, while it blooms at a time when most of the other flowers are waning. We have a double white with heart of crimson and one with intense purple blossoms. Both have bloomed during June, July and August, and formed a few buds in the last week of September. The flowers are frilled and crimped like a Pelargonium, and are of a texture somewhat like that of Camellias. Altheas should be pruned as soon as they quit blooming, if free-blooming is desired.

Marion Howard.

Santa Cruz Co., Cal., May 5, 1898.

[NOTE.—In the eastern States the Althea begins to bloom in July and continues in bloom throughout August and September. The shrub is perfectly hardy, blooms freely, the flowers being as

large and showy as a Hollyhock, requires no special care, and is not known to have an enemy. It is well suited for general cultivation, and should be at every home.—Ed.]

**Kerosene for Aphis.**—I used kerosene emulsion on some of my house plants this winter for green aphis, and it has worked well on the Petunias, Oxalis, Saxifraga sarmentosa and Snapdragons. I used a teaspoonful of kerosene to a quart of suds made with soap and gold dust. I was afraid to use it on the very tender plants, however. The aphis have got my seedling plants now, and I would like to know what to do for them.

Mollie.

[NOTE.—Paste newspapers together, forming a smoke-tight cover for your plants, then moisten some tobacco stems, and place upon a pan of live coals underneath. The confined smoke applied several times at intervals of three or four days will eradicate the pest.—Ed.]

**Geraniums.**—In planting out "Fish" Geraniums, if the plants are set in tin quart cans and the cans sunk below the surface they will bloom profusely and not run all to leaves.

S. M. Dolbean.

New London Co., Conn.



**PLUMBAGO CAPENSIS.**

**D**OCTORS will differ. Our Mr. Park sounds the praises of *Plumbago coccinea*, and some of the correspondents that of *Plumbago Larpentæ*. Now, as for me, I would not give one good plant of *Plumbago capensis* for a bushel basketful of the others. First of all, it is the largest, daintiest and prettiest in blossom, though I am sure Mr. Park will cross out that last word, prettiest, as a reflection on the scarlet *Plumbago*. The flowers are the softest, sweetest shade of baby blue, a shade peculiar to itself among flowers. Then, this shade proves useful for cut flowers, also.

I'm no blonde, no baby blues for me, but when my blonde and auburn-haired visitors come I have only to pick a single rose-colored flower, and encircle it with the airy, azure blue *P. capensis* blossoms, and I have a *Rosegay* fit for a fairy princess, and one that sets off the wearer's fairness to perfection. Does the neighbor's baby die? The fair *Capensis* blooms with Rose buds and white Jasmine pillow the baby face for its last long sleep. It graces vase and flower basket, fills out and garnishes the pulpit bouquet, and cheers the sick by its winsome beauty. There are so few blues that can be used as cut flowers that *Plumbago capensis* is doubly valuable because it supplies this rare shade. A hard blue, or metallic blue, or muddy blue flower is never suitable for cutting. The tint of this *Plumbago* blends harmoniously with other colors, and is particularly exquisite combined with soft rose.

This *Plumbago* is easily grown. There is one thing it is well enough to know about it, however. When the trusses grow thin and scattering, cut in the branches all around. A rapid new growth is sent out, and each new twig is tipped with flowers. With sun and an occasional cutting in the plant can be kept in bloom the greater part of the year. Lora S. LaMance.

McDonald Co., Mo.

[NOTE.—The Editor freely concedes the superiority of *Plumbago capensis* in flower, in cluster, and in ease of culture, and could not conscientiously speak disparagingly of its beauty and desirability as a summer-blooming plant. He has highly praised the *Plumbago coccinea*, however, because it mostly blooms continuously in winter in the amateur's window, and its spikes of bloom are numerous and exceedingly handsome and attractive. It will not bloom in summer, but to have fine specimens in the winter young plants should be purchased in the spring and shifted from pot to pot till you have well-grown specimens in six-inch pots by winter. You can then depend upon having a gorgeous display of flowers during the winter months. It is to be regretted that plants of *P. coccinea* sometimes fail without apparent cause, and this is the only objection to its culture. Its beauty in winter, however, is such that one can afford to run the risk of possible failure.—ED.]

**Carbolic Acid.**—Having read that carbolic acid was a remedy for worms in the soil, I used it, and the reverse is my experience—it does the plants injury and the worms good. It killed most of my plants and did not hurt the worms.

Fannie B. Green.

Stark Co., Ill., Mar. 20, 1898.

**TRANSFORMED.**

Beneath a hedgerow dense and green  
A modest flower reared its head,  
With petals white of silvery sheen,  
No other blossom in the bed.

As on the slender stem it swayed  
A dainty odor filled the air,  
And yet the flower was not content,  
E'en though so fragrant, sweet and fair.

For just across the garden path  
Were blooms of every shade and hue,  
None gayer, brighter could be found,  
E'er wet by morn or evening dew.

The rare, pale flower sadly sighed:  
"Only to have one little glow  
Like all the lovely flowers I see  
Would make me happier, I know."

A saucy sunbeam heard the sigh,  
And gayly darting through the green,  
With fiery glance and heated breath  
Kissed the pale flower of silver sheen.

The sudden warmth of the caress  
Gave to the flower a rosy flush,  
Transformed, its petals ever bore  
In bud or bloom a dainty blush.

Content, the flower in beauty throve;  
No sweeter can be found, I think;  
We bless the morning sunbeam's kiss  
That gave to us the Daybreak Pink.

Isabelle Baker Chase.

Penobscot Co., Me.

**TUBEROUS BEGONIAS.**

**S**OMEONE asks me "If you could afford but one plant for the window what would it be?" I would send for some *Tuberous Begonias*, plant them out in a shady corner in June, and keep growing slowly. In August I would pot them, putting in a teaspoonful of bone meal to a pot. They will soon throw out buds, and in September I would bring them into the house to a room where there is no fire. The colors of the flowers are very pure and intense, but even without them the leaves are prettily shaped and tinged with different shades of green. They bloom until Thanksgiving time, and regretfully I withhold water until the leaves turn yellow. Then I shake the tubers from the soil, cut off the tops and store in some frost-proof place, planting them again outdoors the following June. The old ones do well again, and this is more than most bulbs do. These lovely plants are seldom seen in windows, when, really, they are the amateur's friends, being easy to grow and always something to admire.

Detroit, Mich.

Anna Lyman.

**Chinese Primroses.**—Some of the readers of the *MAGAZINE* may think it does not pay to raise Chinese Primroses from seeds, because so many say throw them away after they have flowered. I raised some from seeds two years ago. After they were done blooming last spring I took out some of the top soil, put in some old manure and covered with soil. They sat on the piazza where they had sun only an hour each day. When it became cool they were brought in and put in a cool room, and they blossomed beautifully all last winter. They flowered much better the second season than they did the first.

Middlesex Co., Mass.

Mrs. O. W.

## SWEET WILLIAMS.

• Sweet Williams of the garden,  
We are gay and gallant beaux!  
Though we dress in fashion olden,  
In doublet and in hose  
Of richest colored velvet,  
By secret process made,  
We are happy through the long days  
Of sunshine or of shade.

As a flower family ancient,  
Our praise has long been sung,  
For Dianthus was the favorite  
Of Jove when earth was young.  
We live in country garden,  
Where still we're winning hearts,  
Though quaintly sweet old-fashioned  
We practice Flora's arts.

She taught us in earth's childhood,  
Of the misty long ago,  
When Nature, old, commanded  
The Sweet Williams to grow;  
"Put on your velvet garments  
Of doublet and of hose,  
Go cheer the weary mortals,  
And help them bear their woes.

"Teach them the love of nature,  
On your flower mission go."  
Behold us, fair Sweet Williams,  
And notice how we grow;  
We toil not, neither spin we,  
Yet we bloom each year to cheer  
The homely country gardens;  
With memories old we're dear.

Franklin Falls, N. H. Ray Laurance.

CARE OF CHRYSANTHE-  
MUMS.

FOR soil use one-fourth good loam, one-fourth clean sand, and one-half well-rotted manure. This should be well mixed with good ashes or lime. In potting I prefer charcoal in the bottom of the pots rather than broken crockery, as it does not give so much weight to pots, and is healthier for the plants. Never allow the plants to become root-bound, but shift into larger pots as fast as their growth shows they require it. Let the last change be made about September 1st. Eight-inch or nine-inch pots are large enough for the largest plants. The soil should never be allowed to dry out, nor should it be over-watered, as it will become sour. Spray your plants each day, if possible. I always do this late each evening, as the night helps to refresh them. After they come into flower, however, they should not have any water sprinkled over them, as it will destroy the blossoms. Apply the water at the roots of the plant.

Plants should be trained in a graceful manner, and for this reason I disbud my plants with great care. When the plants are six or eight inches high I cut back to four inches. Allow four shoots to grow from this main stalk, and when these four shoots are four inches high pinch out the terminal bud and save three or four of the branches that spring from each of these limbs. Allow these last branches to attain a height of nine inches, then pinch back for the last time. Allow but one flower to each stem, removing the rest when small.

When black aphid gets on the plants nothing is so good as clean, cold water dashed on forcibly with a syringe.

An Illinois Sister.

Shelby Co., Ill., June 21, 1898.

WHERE THERE'S A WILL  
THERE'S A WAY.

WHEN I expressed my determination to have some plants last fall my neighbors said "You can never keep them; they will surely freeze." I simply said "I am going to try"; and I did keep them from freezing, and in a room that was so cold that water froze. I took an old kitchen table and turned it bottom upwards on some chairs so the legs of the table stood up instead of down. Then I would tie the leaves up with a cord and place heated bricks all around in the box part of the table. I then put my plants in, and covered all over with a quilt and shawl and pinned them around so that there would be no opening for the cold to peep in. On the coldest nights I pinned newspapers on top of the other things, and my plants came out looking as nice as could be.

I hear someone say "That is altogether too much work," but they do not like flowers as well as I. I haven't a doubt but what I took as much pleasure putting my plants to bed as a fond mother does her child. And they were just common kinds of plants, too, mostly Zonale Geraniums, one Ivy Geranium and an Angel's Wing Begonia. I enjoyed them, nevertheless. My plants began to bloom in January, and some of them have been in bloom ever since.

A Farmer's Wife.

Littleton, N. H., June 17, 1898.

[NOTE.—Many persons now keep their window plants secure from the most severe cold by having a tall, well-fitted case made with shelves and a close door. On cold nights the plants are transferred to the shelves of this case and a small kerosene hand lamp, burning low, is placed on the bottom. It is wonderful what an amount of heat a small flame will make when thus confined, and what an amount of anxiety to the plant lover this little device will relieve.—ED.]

**Calampelis.**—A beautiful vine which adorns the outer wall of my little cottage tempts me to describe its appearance and merits. It is a climber called Calampelis, a native, so I am told, of Chili. In graceful habit and appearance it much resembles the wild Clematis, without the objectionable feature of the flying seed of that vine, and its tubular, orange-colored flowers, growing in horizontal racemes, make a charming harmony with the delicate green of the leaves. Here, in California, it retains its foliage all the year, is exceptionally cleanly and almost constantly in flower. It is readily and rapidly grown from seeds, free from pests, easily trained and kept in check and responds most gratefully to kindly treatment—a combination of qualities which give it a high degree of attractiveness and desirability.



V. M. K.

Lambert, Cal., May 9, 1898.



# Park's Floral Magazine.

A MONTHLY. ENTIRELY FLORAL.

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AUGUST, 1898.

**Silene pendula.**—An old subscriber at Fredericktown, Ohio, sends the following note, with the specimen leaf and flower represented in the little sketch:

"Mr. Park:—Enclosed please find a flower that has been in bloom for a long time. The plant was raised from a seed which came in a mixed packet. Please tell me its name, and are there any other colors than the one I send?"



The name is *Silene pendula*, a hardy annual of easy culture, the seeds of which may be sown in August, as the young plants are hardy, will endure the winter safely, and bloom gorgeously early the next season, just after the bulbous flowers have faded. The colors are white, red, rose, flesh and purple, and there are double-flowered as well as single-flowered varieties. They make a gorgeous edging if seeds are sown in early autumn.

**Petunias in Winter.**—Petunias do well in winter in a window facing the south, where the plants get plenty of direct sunlight. They like a moderately warm, moist atmosphere, but will thrive in a dryer atmosphere than many other house plants, and in any good potting soil with good drainage. Water regularly, but not too liberally. The common free-blooming single varieties are preferable, and the flower with its stem should be cut away as soon as it fades. The double varieties are usually shy-blooming, and sometimes the buds do not develop well. Pot-grown seedling plants started in August begin blooming as winter approaches, and are the most satisfactory plants for window culture. Always avoid seed-bearing by removing the flowers promptly as recommended.

**Spider on Fuchsias.**—Set the affected plants in a cool, partially shaded place and syringe them well with soap-suds every day till the pest disappears. If the plants are badly affected remove the leaves and encourage new growth. The same treatment may be given to Roses affected with red spider.

## KALMIA GLAUCA.

A SUBSCRIBER sends a specimen with opposite, shining green leaves recurved at the edges, and a corymb of five-lobed, purplish flowers, as shown in figure 1. Upon examining the flower we find ten stamens hiding in ten little sack-like cavities radiate from the curved pistil, as indicated in the enlarged representation of the flower, fig. 2. Each



FIGURE 2.

FIGURE 3.

FIGURE 1.

anther has two cells, an elastic filament, and a basal tuft of hairs, as shown in fig. 3. The sender of this specimen asks for its name. It is *Kalmia glauca*, the Swamp Laurel. It is a pretty evergreen shrub, growing two or three feet high, blooming in June and July, and found in bogs and marshes in Pennsylvania and northward.

**Chrysanthemum Treatment.**—The show Chrysanthemums are mostly started in sand from side shoots during February. As soon as rooted they are potted in small pots using a good fibrous compost. They are given partial shade and plenty of water constantly, and as the plants grow they are shifted into larger pots until they occupy six-inch pots, or even larger pots. If large terminal flowers are wanted the plants are severely cut back when quite small, to start numerous sprouts from the stem near the ground. All but five or six of the stronger of these are removed, and the side branches kept pinched out, leaving only the terminal buds. The strength of the plant concentrating in these the flowers become of immense size and are well-developed. Use liquid manure occasionally, and always water freely. Any check caused by neglect to water will injure the bloom. Protect from severe cold and storm when in bloom.

**Digitalis purpurea monstrosus.**—This Foxglove throws up a spike of drooping, bell-shaped flowers, which is terminated by a large, abnormal, upright flower. It is a curiosity as well as a beautiful hardy biennial flower. Plants started from seeds now should bloom next season.

## MACKAYA BELLA.

## A MOTHER KNOWS.

**T**HIS is a window plant with which few persons are familiar, and its treatment is not generally understood. The following hints from the Dictionary of Gardening will therefore be of interest to those who have plants:

The *Mackaya bella* is a monotypic genus belonging to the order Acanthaceae. *M. bella* is a beautiful greenhouse plant which grows very freely, but requires special treatment to induce it to flower profusely. A knowledge of its habit and mode of flowering is of material assistance, if not indispensable for attaining success in its cultivation. Essential points are encouragement of a free growth throughout the summer in an airy, light structure, and the allowance of a season of rest in the winter, during which time no water should be applied to the roots, or overhead. The plant is nearly or quite deciduous, and the racemes of flowers are produced from the points of nearly all well-ripened shoots. Cuttings root readily during summer in any close frame; and young plants thus obtained should be grown on as rapidly as possible until the approach of winter. An occasional pinching will encourage a bushy habit, and cause new shoots to proceed from the base of the plant. Plenty of water and frequent syringings should be applied during the growing season, and a position afforded in a house or frame where plenty of light and air may be admitted. Under such treatment compact little plants in four-inch pots may be obtained by November. These should be kept quite dry until April, then cut back and start for flowering the following year. When new growth begins transfer into eight-inch pots, using a compost of two parts loam to one of dried cow manure. Later shift into ten-inch pots, in which the plants will grow three feet high by autumn. Dry off as before, and in spring encourage the flowers to expand gradually in a temperature of 60°, and when the buds begin to open transfer to a place 10° cooler. See that the wood is thoroughly ripened. Brown scale often affects the plant. Remove the pest by syringing with soap suds.

**Vinca rosea.**—During the past spring season several specimens of *Vinca rosea* were received by the Editor for identification. The flower and leaf represented in the sketch were among those received. The plant is an evergreen, easily grown from seeds, thrives in a warm, sunny place, and will endure considerable drouth.



The foliage is dense, graceful and shining green, and makes a beautiful background for the large, bright, phlox-like flowers. On an upper shelf in a warm room the plant grows and blooms well in winter, if properly treated in summer. In the South it is effectively used for bedding, but is more satisfactory as a house plant at the North.

"Just why it is that children at the breakfast table will beg for a little coffee day after day I am unable to say, except that they have a deeply rooted desire to have what their parents do in the way of food and drink. Then I believe they naturally like something hot to sip with a spoon. At any rate, the demand is there, and I'm blest if it isn't hard to get over, when one has three or four in the family; but we can't give our young folks coffee to drink; everyone knows its effect on children, and it seems almost criminal to set before the innocents something we know will harm them."

So speaks a thoughtful mother, and to such the food coffee, Postum, comes as a blessing to solve the vexed question.

Dr. H. W. Pierson, "Medical Advance," 6351 Stewart Ave., Chicago, says: "We know of your Postum, and are very much pleased with it. Decidedly opposed to the use of both tea and coffee."

Postum will pass for coffee with nine out of ten people if they are not warned in advance. It has the deep seal-brown of old Java, and changes to the rich golden brown of thick Mocha when cream is added. It is made wholly and entirely of pure grains of the field, wheat, etc., such as are intended by the Creator for man's use in this latitude. Postum, the health coffee, can be drank as freely as water without any of the ill effects of coffee, and in a week or ten days' time the old coffee user will note a marked change in his feelings and flesh. It makes red blood in the natural way, and agrees with babies or grown people. Made by the Postum Cereal Co., Lim., of Battle Creek, Mich.

**Hardiness of Poinciana.**—The Poinciana or Bird of Paradise is regarded as a tropical plant, but is successfully grown out-doors in our southern States. It would not be safe to plant it in an exposed position in States north of the Carolinas. In States further north the plants should be grown in pots and wintered in a frost-proof place. The plants are deciduous shrubs of the Leguminous order, and easily propagated from seeds.

## EDITORIAL NOTICES.

**Illustrated Flora.**—The Editor has received Volume III of The Illustrated Flora of the United States, Canada and the British Possessions, prepared by Dr. Britton and Hon. Addison Brown, and published by Charles Scribner's Sons, New York. This is the last volume of this comprehensive and valuable work, which deserves a place in the library of every person interested in botany and our native flowers. Price \$5.00 per volume.

**Complaints.**—Any subscribers who have reason to be dissatisfied with premium seeds, bulbs or plants received should not hesitate to complain to the publisher, and state the grievance. He aims to satisfy and please all who subscribe, and will endeavor to adjust any differences that may arise, where the complaints are reasonable.

**Special Offer.**—A special premium of 12 plants is offered this month to those who subscribe for the MAGAZINE, paying 25 cents. See title page. This surpasses any plant offer ever before made. Tell your friends of this bargain offer, and rush the subscriptions in. After September 15th this offer will be void.

**Easter Lilies.**—Bermuda Easter Lilies are again troubled with disease, and will be scarce. Many sold this year may be found infected and worthless.



## A EUROPEAN TRIP.

LETTER NO. 11.

After the usual early morning lunch of tea-cake and tea I went with my host to the bulb house, where we spent an hour, then returned and enjoyed the regulation breakfast of bread, butter, cheese and coffee. Then boarding the "tram-car" we were soon speeding our way to Haarlem, past great fields of waving snow-white *Gladiolus* (*Colvilli The Bride*), big patches of the dazzling flame-colored *Phlox* (*Boule de Feu*), and acres lots of *Tuberous Begonias* in full bloom. The climate of Holland just suits these, being cool and moist. The sun shines freely, but its rays are not hot and penetrating, as they sometimes are in America, while the numerous canals keep the atmosphere constantly moist. We passed big bulb-drying houses, and farms where *Hyacinths*, *Tulips* and *Narcissus* are produced in immense quantities. These bulbs are all planted, cultivated and lifted by hand, and in some fields large squads of workmen in rows were upon their knees loosening the soil with a trowel and picking the bulbs which were thrown up and exposed. At last we reached Haarlem, one of the chief cities of the kingdom, having a population of more than 38,000. The houses are antiquated and odd in appearance, some of them built centuries ago, and there are many places of historical interest. Canals are numerous and upon them the business traffic is carried on with other cities and other nations. At one time the city was celebrated for its silk and woollen manufactures, but the chief industry at present is the production and exportation of flowering bulbs. The country for miles around is like a great flower garden, and the bulbs produced are of the finest development. One of the florists there had the contract for growing a large lot of *Achimenes*, *Tydeas*, *Gesnerias*, *Gloxinias* and *Dahlias* for me, and to inspect the growing crop of these was the chief object of my visit to Haarlem. This done we promptly returned to Sassenheim, where I had a cordial and urgent invitation to join in the festivities and pleasures of the wedding of my friend's sister. I anticipated a happy occasion, and I was not disappointed. After donning our best garments and brushing up we repaired to the village court house, where the first ceremony was performed by a court-house official. It was about eleven o'clock A. M. when this ceremony was concluded, and the clerk placed a little money bank upon the table before him. The bride and groom then each presented the officer and his secretary each with a small bag (about a pint) of choice candy, and the groom dropped a piece of money into the little bank, and we all left the room and were conveyed in carriages to the home of the bride. There were no greetings

*Continued on next page.]*



## Blindness By the Prevented Pin-Hole Test.

This simple, but infallible test (looking through a small pin-hole in a piece of cardboard held close to the eye against the clear sky), never fails to detect the first signs of approaching blindness, which will appear as a smoky haze, spots, or a fungus growth. The worst cases taken in time readily yield to our most successful and humane

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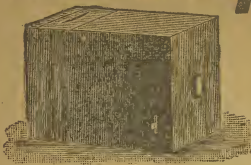
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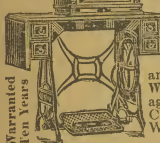
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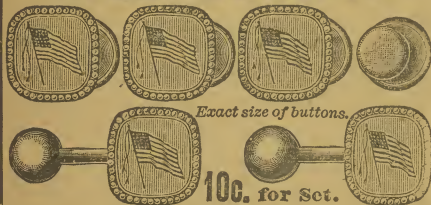
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at the court house, but a cordial greeting was given by all the guests at the home of the bride. Very soon dinner was ready, and we all gathered in a room where a long table freely decorated with Gladiolus blooms was set, and midway along the side near the wall two chairs were arched over with evergreens and decorated with flowers, and these were occupied by the bride and groom. All the guests at this meal, except myself, were near relatives. The table was not loaded with savory roasts, appetizing vegetable dishes, preserves and jellies, pickles, canned fruits and cake. No, but there were little plates of tea cake distributed along the center of the table, and along the margin, for each guest, was a small plate with a very small cup and saucer and a napkin. We all sat around the table, and a merry conversation was kept up for perhaps ten minutes, when all arose and joined in singing the long-metre doxology to the tune of Old Hundred. Then the sociability was renewed, and in the meantime the little cups were filled with tea and the cake was passed, and thus the festivity continued very leisurely for perhaps half an hour. All arose then and sang a hymn, after which the festivities were continued for perhaps ten minutes longer. But all this was simply preliminary to the feast which was to follow, for after the Psalm was sung the plates of tea-cake, with the pots of tea and the dishes were removed, and large platters containing cheese sandwiches and ham sandwiches were placed upon the table, also separate plates of thinly-sliced cheese, thinly sliced bologna, rolls and butter; while dinner plates with knife and fork and coffee cups and saucers were placed before each guest. All was now ready, and suddenly, above the din of the animated conversation and hilarity, I was startled by a loud and vigorous knuckle rap upon the table. I looked to the end of the table from whence the sound came, and saw a spry old man with sharp nose and chin, high cheekbones, prominent

[Continued on next page.]

## A Strange New Shrub that Cures Kidney and Bladder Diseases, Rheumatism, etc.—Free.



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bald forehead, and gray side-burns, standing and looking steadfastly down over the merry group, his close set mouth turned down at the corners, and his long face having a most sanctimonious appearance. What next? Who is this? The Priest? No, this is the oldest of the family, and the master of ceremonies on such occasions. We had been eating and drinking and talking and laughing so long that I had forgotten that the meal proper was yet to begin. And now, in a clear, decided, solemn tone, the old man's voice was heard uttering in the Dutch dialect "Let us look unto God for his blessing." All bowed their heads, and the old man prayed vigorously for at least fifteen minutes, after which the sandwiches were served, followed by coffee and a sort of coffee cake. The guests continued in joyous conversation, eating leisurely the bread and cheese and bologna, and sipping coffee for more than half an hour, then the old man arose and read the first stanza of a Psalm. Here is what I heard:

Komt, laat ons zamen Isrels Heer,  
Den rotssteen van ons heil met eer,  
Met godgewijden zang ontmoeten!  
Laat ons Zijn gunstrijk aangezicht,  
Met een verhaven lofgedicht,  
En blij de psalmen juichend groeten!

Then he began to sing these words to a slow, melancholy tune after the order of "Old Hundred," but written in the minor key, and the guests all joined in the music, making the house resound with grateful praise. How odd the harmony. How peculiar and dismal the combinations of tones! I had never before heard anything like it. I listened and admired. The singing continued throughout seven stanzas without further reading, as the people seemed to know the Psalm by heart. This singing was the signal for the closing of the feast, and after perhaps ten minutes more of festivity the confusion of voices was again silenced by the sharp, commanding rap of the master of ceremonies, who stood in grim solemnity at his place, until who could have heard a pin drop, then said, with his accustomed gravity, "Let us return thanks to God." Again, with the bowed heads around, the old man made an earnest prayer, perhaps twenty minutes in length, practically closing the feast, but all retained their places around the table for a quarter of an hour longer, the men mostly smoking, and both men and women conversing and joking. A curious custom of the men throughout the festivity was the indulgence in smoking. They seemed to be all smokers, and the best cigars being freely supplied the cost of the indulgence was not a consideration. From the time the feast began till the time of closing the room was clouded with smoke. Those who enjoy tobacco smoke I presume were delighted, while those who dislike it had to endure it. As the hour for the church ceremony approached we all entered a train of eight large two-horse carriages, with gay trappings and uniformed coachmen, and were driven rapidly to the church. Of this ceremony, seashore visit and evening reception I will speak in my next letter.

Geo. W. Park.

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**WRITERS WANTED** to do copying at home. Law College, Lima, O.

## CHILDREN'S CORNER.

Dear Mr. Park:—I am a little girl eleven years old. I love flowers and have a little flower bed of my own, but the only flowers I have blooming now are small Pansies. My sister got your Magazine one year before I sent for my flower seeds, and I would always try to get it first. My favorite flowers are Pansies, Carnations, Forget-me-nots, Sweet Peas, Callas, Fuchsias, Roses and Heliotropes. **Emma M. C. Reichart.**

Balto. Co., Md., May 11, 1898.

Mr. Park:—We have taken your Magazine for a year. I always read and enjoy the letters in the Children's Corner, but have never seen a letter from South Dakota. Now we can and do raise flowers here. I thought there ought to be a letter even if a thirteen year old girl had to write it. I have planted a flower-garden, and it is to be entirely mine if I tend to it, which I'll surely do. **Winnie Huttenhow.**

Miner Co., S. Dak., May 15, 1898.

Mr. Park:—I am a little girl fourteen years old. We were very much pleased with the premium seeds you sent, and we find the Magazine a very useful little book. My favorite flowers are Roses and Pansies, but I love all kinds. I like to read the letters in the Children's Corner.

Sac Co., Iowa.

Adele Gathman.

## Asthma and Hay-fever Cure.—Free.

Our readers who suffer from Asthma or Hay-fever will be glad to know that a positive cure has been found for these diseases in the Kola Plant, lately discovered in West Africa. The cures wrought by this new botanic agent are really marvelous. Among others the editor of the *Farmer's Magazine*, of Washington, D. C., Mr. Alfred Lewis, testifies that after many years suffering, especially in Hay-fever season, the Kola Plant completely cured him. He was so bad that he could not lie down night or day for fear of choking. After fifteen years suffering from the worst form of Asthma, Mrs. A. McDonald, of Victor, Iowa, writes that the Kola Plant cured her in two weeks. Rev. S. H. Eisenberg, Centre Hall, Pa.; Rev. John L. Moore, Alice, S. C.; Mr. Frank C. Newall, Market National Bank, Boston, and many others give similar testimony of their cure of Asthma and Hay-fever, after five to twenty years suffering, by this wonderful new remedy. If you are a sufferer we advise you to send to the Kola Importing Company, No. 1164 Broadway, New York City, who to prove the wonderful power of the Kola Plant, will send every reader of PARK'S FLORAL MAGAZINE who needs it a Large Case by mail entirely free. Hay-fever sufferers should send at once, so as to obtain the effects before the season of the attacks. It costs you nothing, and you should surely send for it.



## GOSSIP.

Dear Floral Friends:—There appeared four years ago a novelty called "Hardy Tree Roses," and some catalogues contained glowing descriptions of them. I bought two, one yellow and red, the other white and pink. Including expressage they cost just five dollars. Both stalks were about five feet tall, upon which were grafted runners, which much resembled dew-berry vines. After eight months coaxing one produced a cluster of small single white roses (?) so much like dew-berry blossoms that it could not have felt slighted by the comparison. The blossoms of the second tree were like the "letter that never came." Novelties they were indeed, but not very attractive ones. Will some of the sisters who have tried them tell us if their's came true to description? Perhaps mine were freaks.

Harris Co., Texas.

Mrs. J. C. W.

Dear Sisters:—Now is the time to make your potting soil for fall and winter use, and for next year. I save every weed, leaf, or bit of green stuff, and pile in a corner. A box without the bottom may be used to keep the pile in bounds. Over each layer of weeds and grass I put some dirt, and pour the waste water on this. By fall I have good potting soil. I add sand, and the soil does not bake.

Pettis Co., Mo.

Mrs M. D. S.

Dear Band:—Yes, how many just such people as Nabby Frost represents, herself to be infest every community—people who think we keep our plants over winter expressly to break to pieces for them every spring. Since I have been taking Park's Floral Magazine and answering the exchanges therein I tell all "Nabby Frosts" that I must save all my plants for exchange. However, I love to give flowers to those who try to take care of them.

Nodaway Co., Mo., June 16, 1898.

Allice M. Peters.

Chinese Lantern Plant.—Dear Sisters: In the spring of 1897 seeds of the "Chinese Lantern" (Physalis Franchetti) were sown with the hope of seeing fruit that season. Several plants were raised, and two were placed in pots with great expectations. When the time came to house the plants the Chinese Lantern plants were not thought worthy of a place. They were ragged looking plants, and were placed in the ground to live or die, and with but little hope to ever see them again. This spring they came up with good strength, have bloomed, and the pods have formed, but are not very attractive. Now will some of the sisters tell of their success with this plant, and did they ever have or see a plant that came near the descriptions or pictures?

Beaver Co., Pa., June 30, 1898.

Aunt Susie.

## QUESTIONS AND ANSWERS.

Mr. Park:—I would like to ask you the name of a plant called, in New Brunswick where I got it, Myrtle. Here it is known as Creeping Charlie. It is a trailing plant with yellow flowers, and is perfectly hardy.—L. E. C.

Ans.—The plant is probably *Lysimachia nummularia*.

Grand Duke Jasmine.—Mr. Park: I have a Grand Duke Jasmine that is two years old, but does not grow one bit, and has produced in that time only two new leaves. What shall I do to it?

—Mrs. N. S., III.

Ans.—The Grand Duke Jasmine does not grow continuously, but when it once starts it makes a rapid growth. Perhaps the best that can be done for it is to keep the pot in a rather cool place, and water sparingly while in a state of semi-dormancy. Then, when growth begins transfer it to a warmer, brighter place and water freely.

Dollar Plant.—Mr. Park: I send you a few seeds and part of a bloom of what is called "Dollar Plant." What is its right name.—Mrs. S. O.

Ans.—The plant is *Lunaria biennis*.



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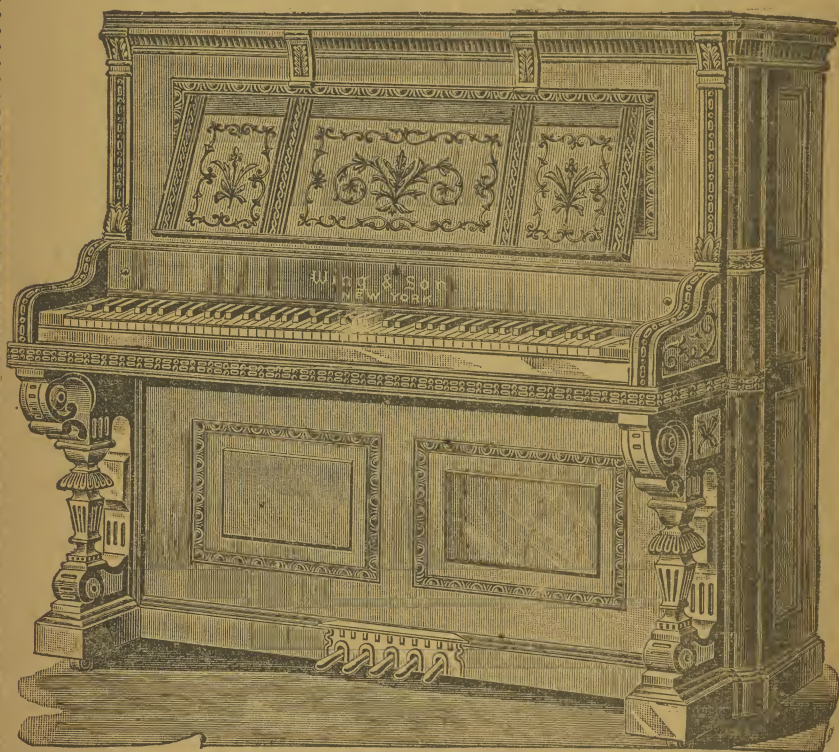


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Bruanti.  
Bertha Chateaurouche.  
Carrieri.  
Compta.  
Foliosa.  
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Margaria.  
Multiflora hybrida.  
M. de Lesseps.  
Begonia Queen of Bedders.  
Pres. Carnot.  
Robusta.  
Sandersonii.  
Semperflorens rosea.  
Souv. de Pres. Guillaume.  
Thurstonii.  
Vernon.  
Vittata alba.  
Weltoniensi, white.  
Weltoniensi, red.  
Weltoniensi, cut-leaved.  
Begonia, Tuberous.  
Giant Red.  
" Rose.  
" Yellow.  
" Scarlet.  
Bergamot, scarlet Monarda.  
White-flowered.  
Bignonia radicans.  
Bougainvillea glabra.  
Bryophyllum calycinum.  
Buxus sempervivum.  
Callirhoe involucrata.  
Calystegia pubescens.  
Canna, Chas. Henderson.  
Mme. Crozy.  
Paul Marquant.  
Other sorts.  
Calla Lily, Little Gem.  
Spotted-leaved.  
White.  
Carnation Alaska, white.  
Early Vienna fl. pl.  
Eldorado.  
Grenadin fl. pl.  
Marguerite, mixed.  
Striped, mixed.  
Caryopteris mastacanthus.  
Cereus grandiflorus.  
Flagelliformis (rat-tail).  
Cestrum parqui.  
Poeticus.  
Laurifolium.  
Chelone barbata.  
Chrysanthemum in variety.  
Cissus discolor, a fine vine.  
Heterophylla.  
Coccoloba platyclada.  
Clodendron Balfouri.  
Coleus, Fancy-leaved.  
Cut-leaved.  
Conoclinium coelestinum.  
Convolvulus Mauritanicus.  
Cyperus lanceolatus.  
Coronilla laevis.  
Crape Myrtle, pink.  
White.  
Crassula cordata, winter-bloomer.  
Cuphea platycentra.  
Cyclamen Persicum, giant.  
Cyperus alternifolius.  
Dahlia, named, any color.  
Deutzia gracilis, shrub.  
Crenata fl. pl.  
Pride of Rochester.  
Dielytra spectabilis.  
Double Daisy, Ball of Snow.  
Longfellow, pink.  
Echeveria secunda.  
Eranthemum pulchellum.  
Euonymus Japonica aurea.  
Variegata, hardy.  
Eupatorium riparium.  
Fabiana imbricata.  
Fern, hardy, in variety.  
Fern, tender, in variety.  
Ficus repens, for walls.  
Forsythia viridissima.  
Suspensa, slender.  
Fuchsia, Black Prince.  
Arabella Improved.  
Dr. Tapinard.  
Mrs. E. G. Hill.  
Mons. Thibit.  
Molesworth.  
Oriflame.  
Phenomenal.  
Procumbens.  
Speciosa, winter-bloomer.  
Van der Strauss.  
Monarch.  
Elm City.  
Little Prince.  
Gaillardia grandiflora.  
Gardenia, Cape Jasmine.  
Geranium, Scented-leaved in variety.  
Geranium—Flowering single, in variety.  
Geranium—Flowering, double, in variety.  
Geranium—Bronze, in variety.  
Geranium—Ivy-leaved, in variety.  
Geum coccineum fl. pl.  
Gloxinia, White.  
" Blue.  
" Red.  
" Spotted.  
Goodyera pubescens.  
Gravillea robusta.  
Habrothamnus elegans.  
Helianthus tuberosum.  
Multiflorus plenus.  
Heliotrope in variety.  
Hemerocallis fulva.  
Flava.  
Hepatica triloba.  
Hetrocentrum, white.  
Hibiscus, Chinese, choice named, great variety.  
Syriacus (Althea).  
Crimson Eye, hardy.  
Hollyhock, double, to color.  
Honeysuckle, Hall's hardy.  
Gold-leaved.  
Hydrangea Otaksa.  
Paniculata.  
Thos. Hogg.  
Impatiens Sultana.  
Iris, in variety.  
Isoplepis gracilis, grass.  
Ivy, German or Parlor.  
English, hardy.  
English, variegated.  
Kenilworth, for baskets.  
Jasminum gracilimum.  
Grand Duke.  
Grandiflorum.  
Nudiflorum.  
Officialis.  
Poeticus.  
Revolutum.  
Justicia speciosa.  
Carnea pink.  
Coccinea red.  
Kenilworth Ivy.  
Kerria Japonica.  
Lantana, white, pink, yellow.  
Don Calmet, or Weeping.  
Note.—New Weeping is slender, and an elegant winter-bloomer, trellis or basket plant.  
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Leonotis leonurus.  
Leucanthemum maximum.  
Libonia peruviansis.  
Lobelia, Royal Purple.  
Bernard's Perpetual.  
Lopesia rosea.  
Mackaya bella.  
Madrera Vine, started.  
Mahernia edicata.  
Manettia cordifolia, rare.  
Bicolor, scarlet.  
Mandevilla suaveolens.  
Marguerite Daisy.  
Matrimony Vine, hardy.  
Chinese.  
Matricaria capensis alba.  
Mesembryanthemum spectabile (grandiflorum).  
Mexican Primrose.  
Meyenia erecta.  
Michauxia campanulata.  
Mitchella repens.  
Moneywort, for baskets.  
Muhlenbeckia compacta.  
Myrtus communis.  
Nicotiana, Jasmine scented.  
"Old Bachelor," scented.  
"Old Maid," scented.  
"Old Man," scented, hardy.  
"Old Woman," scented.  
Otaheite Orange.  
Peony, Chinese, in variety.  
Old-fashioned red.  
Palm, Latania borbonica.  
Passiflora corulea.  
Constanee Elliott.  
John Spaulding, varieg'd.  
Scarlet Hybrid.  
Peperomia maculosa.  
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Maculata, red.  
Pink, Cyclops.  
Old-fashioned.  
Picotee, mixed.  
Plumbago capensis alba.  
Coccinea.  
Cerulea.  
Pomegranate, Jas. Vick.  
Poppy orientale.  
Potosporum tobira.  
Primula, Chinese, Fern-leaved to color.  
Chinese, Mallow-leaved to color.  
Veris, gold-leaved.  
Obconica.  
Ranunculus acris fl. pl.  
Rivinia humilis.  
Rocket, Sweet.  
Rose in variety.  
Rudbeckia laciniata fl. pl.  
Ruellia formosa.  
Russelia juncea.  
Salvia splendens, scarlet.  
New Scarlet.  
Patens, blue.  
Rutilans, new.  
Santolina Indica.  
Saracenia (Pitcher Plant).  
Saxifraga sarmentosa.  
Sea Onion.  
Sedum, moss-like.  
Sedum, hardy, yellow.  
Sedum, for baskets.  
Acre, "Crowfoot."  
Senecio macroglossis.  
Smilax, Boston.  
Solanum aszureum.  
Dulcamara, vine.  
Grandiflorum.  
Pseudo capsicum.  
Scutellaria pulchella.  
Spirea, Van Houtte.  
Prunifolia.  
Reevesii.  
Stapelia variegata.  
Stevia serrata.  
Serrata variegata.  
Strobilanthes Dyerianus.  
Anisophyllus.  
Swainsonia alba.  
Sweet William, in sorts.  
Thyme, variegated.  
Tradescantia multicolor.  
Variegata.  
Virginica.  
Zebina.  
Tuberose, Double.  
Umbrella Tree.  
Veronica imperialis.  
Spicata.  
Verbena, Hardy Purple.  
Hybrida, in variety.  
Vinca, Hardy Blue.  
Variegated yellow.  
Harrisonii, marbled.  
Rosa, rose.  
Rosa alba, white.  
Viola, Double Russian.  
English Violas.  
Lady Helen Campbell.  
Mary Louise, sweet.  
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Water Hyacinth.  
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**Gypsophila paniculata**, beautiful; perfectly hardy.  
**Hollyhock**, finest mixture, very double, beautiful.  
**Pansy**, Park's Premium, special mixture of 50 sorts.  
**Silene orientalis compacta**, gorgeous bedding sort.  
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## CHILDREN'S CORNER.

Dear Mr. Park:—I take your Magazine and like to read it, especially the Children's Corner. I live on a farm of 210 acres. My school was out the third of June, and I am having vacation now. I love flowers, and like to take care of them. I have several kinds in blossom. Most of them are those that live over winter out of doors. I sent ten subscribers for the Magazine with the 10-cent collection. I received the seeds with much pleasure. Most of the seeds that I have sowed have come up nicely. I have three brothers, but no sisters. I hope they will like flowers as well as I do when they are older. I am thirteen years old.

Ina E. Smith.

Lorain Co., O., June 15, 1898.

Dear Mr. Park:—Mamma has taken your Magazine for a good many years, and we all like it very much. We had Sweet Peas out June 12th, and they are lovely. I like to read the letters in the Children's Corner. I am twelve years of age.

Jennie Russell.

Essex Co., N. J., July 1, 1898.

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## QUESTIONS.

Gladioli.—Have any of the Sisters ever tried growing Gladioli in water the same as a Hyacinth? They are said to bloom in a much shorter time than when set the usual way.—G. M.

Cereus grandiflorus.—I wish directions for treating the night-blooming Cereus. Mine is several years old, and grows well, but does not bloom.—C. S., Canada.

Honeysuckle.—I have Hall's Honeysuckle growing in the house. It is eight feet high but has not bloomed. Will it bloom indoors, and when?—M. T. E., Ohio.

## EXCHANGES.

Mrs. S. C. Merritt, Cherokee, Iowa, will ex. flower seeds, Tiger, Lemon and Blackberry Lilies for Fairy and Atamaseo Lilies, Wistaria, Dahlia, etc.; send list.

Eliza Lawrence, Corning, Mo., will ex. native flowers, bulbs, slips, etc., for same from each State of the Union and from foreign countries.

Mrs. W. A. Rushin, Pavo, Ga., has choice plants to ex. for Paul Brunt and Bertha McGregor Begonias.

John A. Wheeler, Milford, N. H., wishes to make exchanges with flower lovers in foreign countries.

Mrs. H. M. Ostrander, 922 W. 2d St., Pomona, Cal., will ex. fine Cineraria plants for rooted Begonias, choice bulbs, rare Cacti and Ferns; write.

Mrs. E. Shedden, Frankfort, Kan., has Cacti and other plants to ex. for Lilies and other plants not in her collection.

Miss Effie Billings, P. O. Box 1414, Seattle, Wash., will ex. fine double Tuberosa bulbs for others.

Mrs. S. Brooks, Polaris, Mont., has copies of Park's and other floral magazines to ex. for bulbs.

## Free To Invalid Ladies.

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**NOW IS THE TIME TO PLANT THESE BEAUTIFUL HARDY BULBS.**

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For only 15 cents I will mail **Park's Floral Magazine** for six months, and Ten Choice Named Tulips of the best varieties, embracing all colors from pure white to dark crimson, as well as variegated. Following are the names and descriptions of this splendid collection of Tulips: **Artus**, a superb Tulip for either beds or pots; flowers large, bright scarlet, of fine shape, early and showy. **Cardinal's Hat**, rich dark red, blooming early; makes a gorgeous display in a bed, fine for pots. **Crimson King**, dark scarlet, large and exceedingly showy, either in beds or pots; a grand Tulip. **Arms of Leiden**, a lovely, graceful early Tulip; color white and pleasing red, bright and attractive. **Coleur Ponceau**, fine rose and white; every bulb shows a fine flower, admirable in form and color; early. **Bizar Verdiet**, orange-yellow with brown stripes; a beautiful, large, early Tulip. **Duchesse de Parma**, very large flower, fine orange with yellow edge. One of the finest. **Eleonore**, violet with white edge; of handsome form, early, and very attractive. **La Reine**, the best of white Tulips; large, very early, and sure-blooming either in pots or beds; one of the best. **L'Inmaculee**, pure white, unsurpassed for either house or garden; a very beautiful sort.

All the above described Tulips, with **Park's Floral Magazine** for six months, mailed for only 15 cents. If you are already a subscriber please state the fact, and an extra bulb will be sent you instead of the MAGAZINE. If you get up a club an extra bulb will be added for each name you send besides your own. If you wish to plant a large bed of these choice Tulips I will send you 100 bulbs (10 of each kind) for \$1.00, or 50 bulbs (5 of each kind), without MAGAZINE, for 55 cents. Full directions for planting these bulbs to bloom successfully and effectively, either in garden beds or window pots will accompany the bulbs.

**THE BRIGHTEST AND BEST TULIPS** are included in this collection, and the bulbs are virtually given away upon the above marvellous offer. The bulbs are all sound and of fine blooming size, having been produced for me in Holland during the past season, and imported by me this autumn. All are hardy, and should be planted during October and November to secure the best results. The bulbs I offer will reach me in September, and I hope to mail them so that they will reach the subscribers early in October. Early orders will be held till the bulbs arrive. But do not delay your orders. I have only a limited number of collections to offer, and shall advertise them no longer than my supply will hold out. To be sure that you come in for a share of these splendid Tulips send your subscription and the subscriptions of your friends promptly. Send for blank lists, samples, etc., and get up a club. Address

**GEO. W. PARK, Libonia, Franklin Co., Pa.**

## Choice Seeds For Present Sowing. HARDY PERENNIALS FOR THE GARDEN.

Now is the time to sow the following choice Perennials. Sown this month the plants will get well started this season, and will be able to withstand the rigors of winter. Do not delay the matter. If you love perennials start the plants for a bed during this month. You will save a year's time by doing so.

Agrostemma coronaria.....	5	Carnation, fine double.....	10	Double Daisy.....	10	Iberis Gibraltarica.....	10
Anchusa capensis.....	5	Dwarf.....	5	Gypsophila paniculata.....	5	Malva moschata alba.....	5
Asphodelus luteus.....	10	Grenadin.....	10	Gallardia grandiflora.....	5	Premium Peaxy, mixed.....	10
Aubrietia, mixed.....	5	Coreopsis lanceolata.....	5	mixed.....	5	Silene orientalis.....	10
Alyssum saxatile.....	5	Catananche fl. pl.....	5	Hedysarum (tender), mixed.....	5	Tunica saxifraga.....	5
Antirrhinum majus, m'd.....	5	Chelone barbata, scarlet.....	5	Hollyhock, mixed.....	10	Verbena venosa.....	5
Arabis alpina.....	5	Campanula, mixed.....	10	Honesty.....	5	Drummondii.....	5
Centaurea, mixed.....	5	Delphinium, mixed.....	5			Perennial seeds mixed.....	10

This list might be extended, but most other perennials require so much time to germinate that the plants would not get established this autumn. The above will all germinate in from 7 to 14 days after sowing.

## Winter-blooming Flowers for Window or Conservatory.

Alyssum, Sweet.....	5	Calendula, mixed.....	5	Gilia capitata.....	5	Petunia, Double, mixed.....	15
Ageratum, mixed.....	5	Prince of Orange.....	5	Iberis, annual Candytuft.....	5	Fringed, mixed.....	5
Alonsoa, mixed.....	5	Chinese Primrose, mxd.....	10	Kenilworth Ivy.....	5	Medium-fl'w'd, mixed.....	5
Aster, Queen of the Market.....	8	Cuphea miniata.....	5	Lobelia, blue.....	5	Large-fl'w'd, mixed.....	5
Balsam, double, mixed.....	10	Rozeli grandiflora.....	5	Mimulus, mixed.....	10	Scabiosa, mixed.....	5
Browallia, mixed.....	5	Celosia pyramidalis, mixed.....	5	Mignonette, dwarf.....	5	Schizanthus, mixed.....	5
Chrysanthemum, annu'l.....	5	Nicotiana affinis.....	5	Nierembergia gracilis.....	5	Tropaeolum, mixed.....	5
		Double Daisy Improved.....	10			Verbena hybrida.....	5

All these will bloom in the window or conservatory in winter if started from seeds in July or August. You can thus secure a fine display of plants and flowers for your window at very small cost. All the above can be had of almost any seedsman at the prices quoted.